

241 SYLGFLKAAARLATGAALETFGTGDTGHTFRSACIPLRBAEWIFGGVRYQGGNQETRVRGP 300
 241 SYLGFLKAAARLATGAALETFGTGDTGHTFRSACIPLRBAEWIFGGVRYQGGNQETRVRGP 300

301 EPCYAEVLRYVRGKHLQPEPEVQRSFYAASYYDRAVDTMDYKCGGILKVEDFERKAR 360
 301 EPCYAEVLRYVRGKHLQPEPEVQRSFYAASYYDRAVDTMDYKCGGILKVEDFERKAR 360

361 EVDCLLENFTSGSPPLCMDSYIPLAKDGFPAADSTVQLTQKVNNTETGMALGATPHI 420
 361 EVDCLLENFTSGSPPLCMDSYIPLAKDGFPAADSTVQLTQKVNNTETGMALGATPHI 420

421 LOSLGI SH 428
 421 LOSLGI SH 428

WLT 4
 .09-240-639-9
 Sequence 9, Application: US/09240639
 Patent No. 6350447
 GENERAL INFORMATION:
 APPLICANT: Frischauft, Brian Paul
 TITLE OF INVENTION: METHODS AND COMPOSITIONS RELATING TO CD39-LIKE
 TITLE OF INVENTION: POLYPEPTIDES AND NUCLEAR ACIDS
 FILE REFERENCE: 9598-066
 CURRENT APPLICATION NUMBER: US/09/240,639
 CURRENT FILING DATE: 1998-01-29
 NUMBER OF SEQ ID NOS: 29
 SOFTWARE: PatentIn Ver. 2.0
 SEQ ID NO: 9
 LENGTH: 428
 TYPE: PRT
 ORGANISM: Homo sapiens
 CURRENT APPLICATION NUMBER: US/09/240,639
 CURRENT FILING DATE: 1998-01-29
 NUMBER OF SEQ ID NOS: 29
 SOFTWARE: PatentIn Ver. 2.0
 SEQ ID NO: 9
 LENGTH: 428
 TYPE: PRT
 ORGANISM: Homo sapiens
 -09-240-639-9

Query Match 100.0%; Score 2250; DB 4; Length 428;
 Best Local Similarity 100.0%; Pred. No. 6.4e-248;
 Matches 428; Conservative 0; MisMatches 0; Indels 0; Gaps 0;

Qy 1 MATSNCITVPMNLWTCVCSAVSHRNQQTWPEGIFLSSCPINTSASTLYGIMPDAGSTGT 60
 Db 1 MATSNCITVPMNLWTCVCSAVSHRNQQTWPEGIFLSSCPINTSASTLYGIMPDAGSTGT 60

Qy 61 RIHVTTVQKQPGQPLILGEFVDSVKPGSFTDQPGAEVQGLEVAKOSIPRSHW 120
 Db 121 KRTPVVKATGRLIPHEKAKLLEFVKEFRIEKSFPVPGQAEVQGLEVAKOSIPRSHW 120

Qy 61 RIHVTTVQKQPGQPLILGEFVDSVKPGSFTDQPGAEVQGLEVAKOSIPRSHW 120
 Db 121 KRTPVVKATGRLIPHEKAKLLEFVKEFRIEKSFPVPGQAEVQGLEVAKOSIPRSHW 120

Qy 121 KRTPVVKATGRLIPHEKAKLLEFVKEFRIEKSFPVPGQAEVQGLEVAKOSIPRSHW 180
 Db 121 KRTPVVKATGRLIPHEKAKLLEFVKEFRIEKSFPVPGQAEVQGLEVAKOSIPRSHW 180

Qy 181 NFLTGQGHQRTQYGLDGASTQITPLPQFETKLRQTPGQYLTSPFMENSTYKLYTH 240
 Db 181 NFLTGQGHQRTQYGLDGASTQITPLPQFETKLRQTPGQYLTSPFMENSTYKLYTH 240

Qy 61 RIHVTTVQKQPGQPLILGEFVDSVKPGSFTDQPGAEVQGLEVAKOSIPRSHW 120
 Db 121 KRTPVVKATGRLIPHEKAKLLEFVKEFRIEKSFPVPGQAEVQGLEVAKOSIPRSHW 120

Qy 121 KRTPVVKATGRLIPHEKAKLLEFVKEFRIEKSFPVPGQAEVQGLEVAKOSIPRSHW 180
 Db 121 KRTPVVKATGRLIPHEKAKLLEFVKEFRIEKSFPVPGQAEVQGLEVAKOSIPRSHW 180

Qy 181 NFLTGQGHQRTQYGLDGASTQITPLPQFETKLRQTPGQYLTSPFMENSTYKLYTH 240
 Db 181 NFLTGQGHQRTQYGLDGASTQITPLPQFETKLRQTPGQYLTSPFMENSTYKLYTH 240

Qy 241 SYLGFLKAAPLATGALETEGDGTHTERSACIPLRBAEWIFGGVRYQGGNQETRVRGP 300
 Db 241 SYLGFLKAAPLATGALETEGDGTHTERSACIPLRBAEWIFGGVRYQGGNQETRVRGP 300

Qy 301 EPCYAEVLRYVRGKHLQPEPEVQRSFYAASYYDRAVDTMDYKCGGILKVEDFERKAR 360
 Db 301 EPCYAEVLRYVRGKHLQPEPEVQRSFYAASYYDRAVDTMDYKCGGILKVEDFERKAR 360

Qy 361 EVDCLLENFTSGSPPLCMDSYIPLAKDGFPAADSTVQLTQKVNNTETGMALGATPHI 420
 Db 361 EVDCLLENFTSGSPPLCMDSYIPLAKDGFPAADSTVQLTQKVNNTETGMALGATPHI 420

RESULT 6
 US-09-350-836B-5
 Sequence 5, Application: US/09350836B
 Patent No. 6387645
 GENERAL INFORMATION:
 APPLICANT: Ford, John
 ORGANISM: Homo sapiens
 CURRENT APPLICATION NUMBER: US/09/350,836B
 CURRENT FILING DATE: 1999-07-09
 PRIOR APPLICATION NUMBER: 09/118,205
 PRIOR FILING DATE: 1999-03-19
 PRIOR APPLICATION NUMBER: 09/244,444
 PRIOR FILING DATE: 1999-02-04
 NUMBER OF SEQ ID NOS: 23
 SOFTWARE: PatentIn Ver. 2.0
 SEQ ID NO: 3
 LENGTH: 428
 TYPE: PRT
 ORGANISM: Homo sapiens
 US-09-350-836B-3

Query Match 100.0%; Score 2250; DB 4; Length 428;
 Best Local Similarity 100.0%; Pred. No. 6.4e-248;
 Matches 428; Conservative 0; MisMatches 0; Indels 0; Gaps 0;

Qy 1 MATSNCITVPMNLWTCVCSAVSHRNQQTWPEGIFLSSCPINTSASTLYGIMPDAGSTGT 60
 Db 1 MATSNCITVPMNLWTCVCSAVSHRNQQTWPEGIFLSSCPINTSASTLYGIMPDAGSTGT 60

Qy 61 RIHVTTVQKQPGQPLILGEFVDSVKPGSFTDQPGAEVQGLEVAKOSIPRSHW 120
 Db 121 KRTPVVKATGRLIPHEKAKLLEFVKEFRIEKSFPVPGQAEVQGLEVAKOSIPRSHW 120

Qy 61 RIHVTTVQKQPGQPLILGEFVDSVKPGSFTDQPGAEVQGLEVAKOSIPRSHW 120
 Db 121 KRTPVVKATGRLIPHEKAKLLEFVKEFRIEKSFPVPGQAEVQGLEVAKOSIPRSHW 120

Qy 121 KRTPVVKATGRLIPHEKAKLLEFVKEFRIEKSFPVPGQAEVQGLEVAKOSIPRSHW 180
 Db 121 KRTPVVKATGRLIPHEKAKLLEFVKEFRIEKSFPVPGQAEVQGLEVAKOSIPRSHW 180

Qy 181 NFLTGQGHQRTQYGLDGASTQITPLPQFETKLRQTPGQYLTSPFMENSTYKLYTH 240
 Db 181 NFLTGQGHQRTQYGLDGASTQITPLPQFETKLRQTPGQYLTSPFMENSTYKLYTH 240

Qy 241 SYLGFLKAAPLATGALETEGDGTHTERSACIPLRBAEWIFGGVRYQGGNQETRVRGP 300
 Db 241 SYLGFLKAAPLATGALETEGDGTHTERSACIPLRBAEWIFGGVRYQGGNQETRVRGP 300

Qy 301 EPCYAEVLRYVRGKHLQPEPEVQRSFYAASYYDRAVDTMDYKCGGILKVEDFERKAR 360
 Db 301 EPCYAEVLRYVRGKHLQPEPEVQRSFYAASYYDRAVDTMDYKCGGILKVEDFERKAR 360

Qy 361 EVDCLLENFTSGSPPLCMDSYIPLAKDGFPAADSTVQLTQKVNNTETGMALGATPHI 420
 Db 361 EVDCLLENFTSGSPPLCMDSYIPLAKDGFPAADSTVQLTQKVNNTETGMALGATPHI 420

RESULT 6
 US-09-350-836B-5
 Sequence 5, Application: US/09350836B
 Patent No. 6387645
 GENERAL INFORMATION:
 APPLICANT: Ford, John
 ORGANISM: Homo sapiens
 CURRENT APPLICATION NUMBER: US/09/350,836B
 CURRENT FILING DATE: 1999-07-09
 PRIOR APPLICATION NUMBER: 09/118,205
 PRIOR FILING DATE: 1999-03-19
 PRIOR APPLICATION NUMBER: 09/244,444
 PRIOR FILING DATE: 1999-02-04
 NUMBER OF SEQ ID NOS: 23
 SOFTWARE: PatentIn Ver. 2.0
 SEQ ID NO: 3
 LENGTH: 428
 TYPE: PRT
 ORGANISM: Homo sapiens
 US-09-350-836B-3

TITLE OF INVENTION: METHODS AND MATERIALS RELATING TO NOVEL CD39-LIKE
 FILE REFERENCE: POLYPEPTIDES
 CURRENT APPLICATION NUMBER: US/09/350,836B
 PRIOR FILING DATE: 1999-07-09
 PRIOR APPLICATION NUMBER: 09/273,447
 PRIOR FILING DATE: 1999-03-19
 PRIOR APPLICATION NUMBER: 09/118,205
 PRIOR FILING DATE: 1998-07-16
 PRIOR APPLICATION NUMBER: 09/122,449
 PRIOR FILING DATE: 1998-07-24
 PRIOR APPLICATION NUMBER: 09/244,444
 PRIOR FILING DATE: 1999-02-04
 NUMBER OF SEQ ID NOS: 23
 SOFTWARE: Patentin Ver. 2.0
 SEQ ID NO 5
 LENGTH: 428
 TYPE: PRT
 ORGANISM: Homo sapiens
 S-09-350-836B-5

Query Match 100.0%; Score 2250; DB 4; Length 428;
 Best Local Similarity 100.0%; Pred. No. 6, 4e-248;
 Matches 428; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Y 1 MATSNGTVFPMVYSCVCSAVSHRNQQTWEGIFPLSSMCPIVNSASTLYGIMEDAGSTGT 60
 b 1 MATSNGTVFPMVYSCVCSAVSHRNQQTWEGIFPLSSMCPIVNSASTLYGIMEDAGSTGT 60
 Y 61 RIHYTYFVQPGPQPILEGEVDSVKPQLSATVDPKQGATVQGILEVADSDIPRSHW 120
 b 61 RIHYTYFVQPGPQPILEGEVDSVKPQLSATVDPKQGATVQGILEVADSDIPRSHW 120
 Y 121 KKTPTVILKATGLRLLPERAKALLFEVKIRFKSPFLVKGSYSIMGSDGILAVTV 180
 b 121 KKTPTVILKATGLRLLPERAKALLFEVKIRFKSPFLVKGSYSIMGSDGILAVTV 180
 Y 181 NFLTGQHGRQETVGLDQIGASTQITLPQEKTLBOTPRYLTSPFMNSTYKLYTH 240
 b 181 NFLTGQHGRQETVGLDQIGASTQITLPQEKTLBOTPRYLTSPFMNSTYKLYTH 240
 Y 241 SYLGFGKARLATGAGLETEGTDGHTPRGVLTSPEMFNSTYKLYTH 300
 b 241 SYLGFGKARLATGAGLETEGTDGHTPRGVLTSPEMFNSTYKLYTH 300
 Y 301 EPCYAFVLRVGRKLUHOPEFVORGFSYAFSYYDRAVDMDYBKGQILKVEDPERKAR 360
 b 301 EPCYAFVLRVGRKLUHOPEFVORGFSYAFSYYDRAVDMDYBKGQILKVEDPERKAR 360
 Y 361 EVCNDLENFTSGSPFLCMDLSYTALLKDGFGFADSTVQLTKVNNETGAGATPHL 420
 b 361 EVCNDLENFTSGSPFLCMDLSYTALLKDGFGFADSTVQLTKVNNETGAGATPHL 420
 Y 421 LQSLGISH 428
 b 421 LQSLGISH 428

RESULT 7
 S-09-370-265-3
 Sequence 3, Application US/09370265
 PATENT NO. 6447771
 GENERAL INFORMATION:
 APPLICANT: Ford, John
 TITLE OF INVENTION: METHODS AND MATERIALS RELATING TO NOVEL CD39-LIKE
 FILE REFERENCE: 2811/35908
 CURRENT APPLICATION NUMBER: US/09/370,265
 CURRENT FILING DATE: 1999-08-09
 EARLIER APPLICATION NUMBER: PCT/US99/16180
 EARLIER FILING DATE: 1999-07-16
 EARLIER APPLICATION NUMBER: 09/350,836

Query Match 100.0%; Score 2250; DB 4;
 Best Local Similarity 100.0%; Pred. No. 6, 4e-248;
 Matches 428; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Y 1 MATSNGTVFPMVYSCVCSAVSHRNQQTWEGIFPLSSMCPIVNSASTLYGIMEDAGSTGT 60
 b 1 MATSNGTVFPMVYSCVCSAVSHRNQQTWEGIFPLSSMCPIVNSASTLYGIMEDAGSTGT 60
 Y 61 RIHYTYFVQPGPQPILEGEVDSVKPQLSATVDPKQGATVQGILEVADSDIPRSHW 120
 b 61 RIHYTYFVQPGPQPILEGEVDSVKPQLSATVDPKQGATVQGILEVADSDIPRSHW 120
 Y 121 KKTPTVILKATGLRLLPERAKALLFEVKIRFKSPFLVKGSYSIMGSDGILAVTV 180
 b 121 KKTPTVILKATGLRLLPERAKALLFEVKIRFKSPFLVKGSYSIMGSDGILAVTV 180
 Y 181 NFLTGQHGRQETVGLDQIGASTQITLPQEKTLBOTPRYLTSPFMNSTYKLYTH 240
 b 181 NFLTGQHGRQETVGLDQIGASTQITLPQEKTLBOTPRYLTSPFMNSTYKLYTH 240
 Y 241 SYLGFGKARLATGAGLETEGTDGHTPRGVLTSPEMFNSTYKLYTH 300
 b 241 SYLGFGKARLATGAGLETEGTDGHTPRGVLTSPEMFNSTYKLYTH 300
 Y 301 EPCYAFVLRVGRKLUHOPEFVORGFSYAFSYYDRAVDMDYBKGQILKVEDPERKAR 360
 b 301 EPCYAFVLRVGRKLUHOPEFVORGFSYAFSYYDRAVDMDYBKGQILKVEDPERKAR 360
 Y 361 EVCNDLENFTSGSPFLCMDLSYTALLKDGFGFADSTVQLTKVNNETGAGATPHL 420
 b 361 EVCNDLENFTSGSPFLCMDLSYTALLKDGFGFADSTVQLTKVNNETGAGATPHL 420
 Y 421 LQSLGISH 428
 b 421 LQSLGISH 428

RESULT 8
 US-09-370-265-5
 Sequence 5, Application US/09370265
 PATENT NO. 6447771
 GENERAL INFORMATION:
 APPLICANT: Mulero, Julio
 TITLE OF INVENTION: POLYPEPTIDES
 FILE REFERENCE: 8111/35908
 CURRENT APPLICATION NUMBER: PCT/US99/16180
 EARLIER APPLICATION NUMBER: 09/350,836
 EARLIER FILING DATE: 1999-07-16
 EARLIER APPLICATION NUMBER: 09/350,836
 EARLIER FILING DATE: 1999-07-09
 EARLIER APPLICATION NUMBER: PCT/US99/16180
 EARLIER FILING DATE: 1999-07-16
 EARLIER APPLICATION NUMBER: 09/244,444

EARLIER FILING DATE: 1999-02-04
 EARLIER APPLICATION NUMBER: 09/1122, 449
 EARLIER FILING DATE: 1998-07-24
 EARLIER APPLICATION NUMBER: 09/118, 205
 EARLIER FILING DATE: 1998-07-16
 NUMBER OF SEQ ID NOS: 37
 SOFTWARE: Pscenlin Ver. 2.0
 SEQ ID NO 5
 LENGTH: 428
 TYPE: PRT
 ORGANISM: Homo sapiens
 09-370-265-5

Query Match 100.0%; Score 2250; DB 4; Length 428;
 best Local Similarity 100.0%; Pred. No. 6 4e-248;
 matches 428; Conservative 0; Mismatches 0; Gaps 0;
 Qy 1 MATSGTVFPMVYSCVCSAVSHRNQQTWPEGFLSSMCPINSASTLYGIMFDAGSTGT 60
 1 MATSGTVFPMVYSCVCSAVSHRNQQTWPEGFLSSMCPINSASTLYGIMFDAGSTGT 60
 61 RIHYTFVQKMPGQPILEGEVFDVKPGQASIVQGELBEYARDSSPRSHW 120
 61 RIHYTFVQKMPGQPILEGEVFDVKPGQASIVQGELBEYARDSSPRSHW 120
 121 KKPVVLKATAGIRLPLPERKAKLFEKIFRKSPLVKPGSVS1MDGSDGILAWTY 180
 121 KKPVVLKATAGIRLPLPERKAKLFEKIFRKSPLVKPGSVS1MDGSDGILAWTY 180
 181 NFLTGQLGHROETVGTLDGGASTQINFLPQEKTLEQTPRGYLTSFEMENSTYLYTH 240
 181 NFLTGQLGHROETVGTLDGGASTQINFLPQEKTLEQTPRGYLTSFEMENSTYLYTH 240
 241 SYLFGIJKARLATGALETEGDEHTERSACIPRVAENIPGTYQKGNQEEVGF 300
 241 SYLFGIJKARLATGALETEGDEHTERSACIPRVAENIPGTYQKGNQEEVGF 300
 301 EPCYAEVLRVGRGLHOPEVQGSYFASYYDRAVDTDMIDYERGGILKVEDPFERKAR 360
 301 EPCYAEVLRVGRGLHOPEVQGSYFASYYDRAVDTDMIDYERGGILKVEDPFERKAR 360
 361 EVCDNLENFTSGSPFLCDLSYTALLKDGFGFADSTVQLTIKVNNTETWALGATFHL 420
 361 EVCDNLENFTSGSPFLCDLSYTALLKDGFGFADSTVQLTIKVNNTETWALGATFHL 420
 421 LSQGISH 428
 421 LSQGISH 428

Query Match 100.0%; Score 2250; DB 4; Length 428;
 best Local Similarity 100.0%; Pred. No. 6 4e-248;
 matches 428; Conservative 0; Mismatches 0; Gaps 0;
 Qy 1 MATSGTVFPMVYSCVCSAVSHRNQQTWPEGFLSSMCPINSASTLYGIMFDAGSTGT 60
 1 MATSGTVFPMVYSCVCSAVSHRNQQTWPEGFLSSMCPINSASTLYGIMFDAGSTGT 60
 61 RIHYTFVQKMPGQPILEGEVFDVKPGQASIVQGELBEYARDSSPRSHW 120
 61 RIHYTFVQKMPGQPILEGEVFDVKPGQASIVQGELBEYARDSSPRSHW 120
 121 KKPVVLKATAGIRLPLPERKAKLFEKIFRKSPLVKPGSVS1MDGSDGILAWTY 180
 121 KKPVVLKATAGIRLPLPERKAKLFEKIFRKSPLVKPGSVS1MDGSDGILAWTY 180
 181 NFLTGQLGHROETVGTLDGGASTQINFLPQEKTLEQTPRGYLTSFEMENSTYLYTH 240
 181 NFLTGQLGHROETVGTLDGGASTQINFLPQEKTLEQTPRGYLTSFEMENSTYLYTH 240
 241 SYLFGIJKARLATGALETEGDEHTERSACIPRVAENIPGTYQKGNQEEVGF 300
 241 SYLFGIJKARLATGALETEGDEHTERSACIPRVAENIPGTYQKGNQEEVGF 300
 301 EPCYAEVLRVGRGLHOPEVQGSYFASYYDRAVDTDMIDYERGGILKVEDPFERKAR 360
 301 EPCYAEVLRVGRGLHOPEVQGSYFASYYDRAVDTDMIDYERGGILKVEDPFERKAR 360
 301 EPCYAEVLRVGRGLHOPEVQGSYFASYYDRAVDTDMIDYERGGILKVEDPFERKAR 360
 361 EVCDNLENFTSGSPFLCDLSYTALLKDGFGFADSTVQLTIKVNNTETWALGATFHL 420
 361 EVCDNLENFTSGSPFLCDLSYTALLKDGFGFADSTVQLTIKVNNTETWALGATFHL 420
 421 LSQGISH 428
 421 LSQGISH 428

RESULT 10
 US-09-557-800C-5
 ; Sequence 5, Application US/09557800C
 ; Patent No. 6476211
 ; GENERAL INFORMATION:
 ; APPLICANT: Ford, John
 ; APPLICANT: Madero, Julio
 ; APPLICANT: Young, George
 ; TITLE OF INVENTION: Methods and Materials Relating to CD39-Like
 ; FILE REFERENCE: 28110/36457
 ; FILE REFERENCE: 28110/36457
 ; CURRENT APPLICATION NUMBER: US/09/557,800C
 ; CURRENT APPLICATION NUMBER: US/09/557,800C
 ; CURRENT FILING DATE: 2000-04-25
 ; CURRENT FILING DATE: 2000-04-25
 ; PRIOR APPLICATION NUMBER: 09/370,238
 ; PRIOR APPLICATION NUMBER: 09/370,238
 ; PRIOR FILING DATE: 1999-08-09
 ; PRIOR FILING DATE: 1999-08-09
 ; PRIOR APPLICATION NUMBER: PCT/US99/16180
 ; PRIOR FILING DATE: 1999-07-16
 ; PRIOR APPLICATION NUMBER: 09/350836
 ; PRIOR FILING DATE: 1999-07-09
 ; PRIOR APPLICATION NUMBER: 09/273447

61 RTHVYTFVQKMEGQQLPYLEGVFDVKGQLSAFDVQPKQGAETVQGLLEVAKDSIPRSHW 120
 61 RTHVYTFVQKMEGQQLPYLEGVFDVKGQLSAFDVQPKQGAETVQGLLEVAKDSIPRSHW 120
 121 KTCPVVKATAGLRLLPEHKAKALLPEKEVKEFRKSPFLVKGSYSIMDSSDEGLIANTV 180
 121 KTCPVVKATAGLRLLPEHKAKALLPEKEVKEFRKSPFLVKGSYSIMDSSDEGLIANTV 180
 181 NLTGQLGHROETVGLDGAStQITLQPERKTLQPRGVLTSFENNSTKLTH 240
 181 NLTGQLGHROETVGLDGAStQITLQPERKTLQPRGVLTSFENNSTKLTH 240
 241 SYIGFKAARLATALETRGDTHTFRSACLPWLEAWEIICGCVYQGGNGQGEVGF 300
 241 SYIGFKAARLATALETRGDTHTFRSACLPWLEAWEIICGCVYQGGNGQGEVGF 300
 301 EPCAYEVLRVKGKHOPEETYORGSPYAFSTYIDRAVDTOMIDYERGGILKVEDFERKAR 360
 301 EPCAYEVLRVKGKHOPEETYORGSPYAFSTYIDRAVDTOMIDYERGGILKVEDFERKAR 360
 361 EVDNLNFNTSGSPFLCMDISYTALLKDGFFADSTVLTCKNNNITGWAALGATPHL 420
 361 EVDNLNFNTSGSPFLCMDISYTALLKDGFFADSTVLTCKNNNITGWAALGATPHL 420
 421 LOSLIGH 428
 421 LOSLIGH 428

SULT 13

-09-608-285A-7
 Sequence 7, Application US/09608285A
 Patent No. 635013

GENERAL INFORMATION:

APPLICANT: Ford, John
 APPLICANT: Mulero, Julio
 APPLICANT: Young, George
 TITLE OF INVENTION: METHODS AND MATERIALS RELATING TO CD39-LIKE
 TITLE OF INVENTION: POLYPEPTIDES
 FILE REFERENCE: 28110/35760
 CURRENT APPLICATION NUMBER: US/09/608,285A
 CURRENT FILING DATE: 2000-06-30
 PRIOR APPLICATION NUMBER: 09/583,231
 PRIOR FILING DATE: 2000-05-26
 PRIOR APPLICATION NUMBER: 09/557,800
 PRIOR FILING DATE: 2000-04-25
 PRIOR APPLICATION NUMBER: 09/481,238
 PRIOR FILING DATE: 2000-01-11
 PRIOR APPLICATION NUMBER: 09/370,265
 PRIOR FILING DATE: 1999-08-09
 PRIOR APPLICATION NUMBER: PCT/US99/16180
 PRIOR FILING DATE: 1999-07-16
 PRIOR APPLICATION NUMBER: 09/350,836
 PRIOR FILING DATE: 1999-07-09
 PRIOR APPLICATION NUMBER: 09/273,447
 PRIOR FILING DATE: 1999-03-19
 PRIOR APPLICATION NUMBER: 09/244,444
 PRIOR FILING DATE: 1999-02-04
 PRIOR APPLICATION NUMBER: 09/244,444
 PRIOR FILING DATE: 1998-02-04
 PRIOR APPLICATION NUMBER: 09/122,449
 PRIOR FILING DATE: 1998-07-24
 PRIOR APPLICATION NUMBER: 09/118,205
 NUMBER OF SEQ ID NOS: 23

SOFTWARE: PatentIn Ver. 2.0
 SEQ ID NO 7
 LENGTH: 428

TYPE: PRT
 ORGANISM: Homo sapiens

-09-608-285A-7
 Query Match 99.3%; Score 2235; DB 4; Length 428;
 Best Local Similarity 99.3%; Pred. No. 3.3e-246;

3 best Local Similarity 99.3%; Pred. No. 3.3e-246;

Matches 425; Conservative 0; Mismatches 3; Indels 0; Gaps 0;
 Qy 1 MATSWGTVPPMUVVSCVSCAVSHRNQQTWEGFPLSSMCPINVSASTLYGIMFDAGSTGT 60
 Db 1 MATSWGTVPPMUVVSCVSCAVSHRNQQTWEGFPLSSMCPINVSASTLYGIMFDAGSTGT 60
 Qy 61 RTHVYTFVQKMEGQQLPYLEGVFDVKGQLSAFDVQPKQGAETVQGLLEVAKDSIPRSHW 120
 Db 61 RTHVYTFVQKMEGQQLPYLEGVFDVKGQLSAFDVQPKQGAETVQGLLEVAKDSIPRSHW 120
 Qy 121 KTCPVVKATAGLRLLPEHKAKALLPEKEVKEFRKSPFLVKGSYSIMDSSDEGLIANTV 180
 Db 121 KTCPVVKATAGLRLLPEHKAKALLPEKEVKEFRKSPFLVKGSYSIMDSSDEGLIANTV 180
 Qy 181 NLTGQLGHROETVGLDGAStQITLQPERKTLQPRGVLTSFENNSTKLTH 240
 Db 181 NLTGQLGHROETVGLDGAStQITLQPERKTLQPRGVLTSFENNSTKLTH 240
 Qy 181 NLTGQLGHROETVGLDGAStQITLQPERKTLQPRGVLTSFENNSTKLTH 240
 Db 181 NLTGQLGHROETVGLDGAStQITLQPERKTLQPRGVLTSFENNSTKLTH 240
 Qy 241 SYIGFKAARLATALETRGDTHTFRSACLPWLEAWEIICGCVYQGGNGQGEVGF 300
 Db 241 SYIGFKAARLATALETRGDTHTFRSACLPWLEAWEIICGCVYQGGNGQGEVGF 300
 Qy 301 EPCAYEVLRVKGKHOPEETYORGSPYAFSTYIDRAVDTOMIDYERGGILKVEDFERKAR 360
 Db 301 EPCAYEVLRVKGKHOPEETYORGSPYAFSTYIDRAVDTOMIDYERGGILKVEDFERKAR 360
 Qy 361 EVDNLNFNTSGSPFLCMDISYTALLKDGFFADSTVLTCKNNNITGWAALGATPHL 420
 Db 361 EVDNLNFNTSGSPFLCMDISYTALLKDGFFADSTVLTCKNNNITGWAALGATPHL 420
 Qy 421 LOSLIGH 428
 Db 421 LOSLIGH 428

RESULT 14
 US-09-530-836B-7
 Sequence 7, Application US/09350836B
 Patent No. 6357645
 GENERAL INFORMATION:
 APPLICANT: Ford, John
 APPLICANT: Mulero, Julio
 TITLE OF INVENTION: METHODS AND MATERIALS RELATING TO NOVEL CD39-LIKE
 FILE REFERENCE: 28110/35761
 CURRENT APPLICATION NUMBER: US/09/350,836B
 CURRENT FILING DATE: 1999-07-09
 PRIOR APPLICATION NUMBER: 09/273,447
 PRIOR FILING DATE: 1999-03-19
 PRIOR APPLICATION NUMBER: 09/118,205
 PRIOR FILING DATE: 1998-07-16
 PRIOR APPLICATION NUMBER: 09/122,449
 PRIOR FILING DATE: 1998-07-24
 PRIOR APPLICATION NUMBER: 09/244,444
 PRIOR FILING DATE: 1999-02-04
 NUMBER OF SEQ ID NOS: 23
 SOFTWARE: PatentIn Ver. 2.0
 SEQ ID NO 7
 LENGTH: 428
 TYPE: PRT
 ORGANISM: Homo sapiens
 US-09-350-836B-7

Query Match 99.3%; Score 2235; DB 4; Length 428;
 Best Local Similarity 99.3%; Pred. No. 3.3e-246;
 Matches 425; Conservative 0; Mismatches 3; Indels 0; Gaps 0;
 Qy 1 MATSWGTVPPMUVVSCVSCAVSHRNQQTWEGFPLSSMCPINVSASTLYGIMFDAGSTGT 60
 Db 1 MATSWGTVPPMUVVSCVSCAVSHRNQQTWEGFPLSSMCPINVSASTLYGIMFDAGSTGT 60
 Qy 61 RTHVYTFVQKMEGQQLPYLEGVFDVKGQLSAFDVQPKQGAETVQGLLEVAKDSIPRSHW 120

RESLT 15-
S-09-370-265-7
Sequence 7, Application US/09370265
Patent No. 644771
GENERAL INFORMATION:
APPLICANT: Ford, John
APPLICANT: Mller, Julio
TITLE OF INVENTION: METHODS AND MATERIALS RELATING TO NOVEL CD39-LIKE
TITLE OF INVENTION: POLYPERTIDES
FILE REFERENCE: 28111/35908
CURRENT APPLICATION NUMBER: US/09/370,265
CURRENT FILING DATE: 1999-08-09
EARLIER APPLICATION NUMBER: PCT/US99/16180
EARLIER FILING DATE: 1999-07-16
EARLIER APPLICATION NUMBER: 09/350,836
EARLIER FILING DATE: 1999-07-09
EARLIER APPLICATION NUMBER: 09/273,447
EARLIER FILING DATE: 1999-03-19
EARLIER APPLICATION NUMBER: 09/244,444
EARLIER FILING DATE: 1999-02-04
EARLIER APPLICATION NUMBER: 09/122,449
EARLIER FILING DATE: 1998-07-24
EARLIER APPLICATION NUMBER: 09/118,205
EARLIER FILING DATE: 1998-07-16
NUMBER OF SEQ ID NOS: 37
SOFTWARE: PatentIn Ver. 2.0
SEQ ID NO 7
LENGTH: 428
TYPE: PRT
ORGANISM: Homo sapiens
S-09-370-265-7

Query Match 99.3%; Score 2215; DB 4; Length 428;
Best Local Similarity 99.3%; Pred. No. 3.3e-246; Mismatches 3; Indels 0; Gaps 0;

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Db 421 LQSLGISH 428

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protein - protein search, using sw model

June 16, 2004, 19:58:52 ; Search time 48 Seconds

(without alignments)

2512.058 Million cell updates/sec

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Pred. No. is the number of results predicted by chance to have a score greater than or equal to the score of the result being printed, and is derived by analysis of the total score distribution.

SUMMARIES

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2	2250	100.0	428	13	US-10-091-085-5		Sequence 5, Appli
3	2250	100.0	428	13	US-10-092-063-3		Sequence 3, Appli
4	2250	100.0	428	13	US-10-092-063-5		Sequence 5, Appli
5	2250	100.0	428	14	US-10-286-926-3		Sequence 3, Appli
6	2250	100.0	428	14	US-10-286-926-5		Sequence 5, Appli
7	2250	100.0	428	15	US-10-231-913-127		Sequence 127, Appli
8	2236	99.4	428	16	US-10-408-763B-2296		Sequence 2296, Appli
9	2235	99.3	428	13	US-10-091-085-7		Sequence 7, Appli
10	2235	99.3	428	13	US-10-092-063-7		Sequence 7, Appli
11	2235	99.3	428	14	US-10-286-926-7		Sequence 7, Appli
12	2104	93.5	405	13	US-10-092-063-5		Sequence 25, Appli
13	2104	93.5	405	14	US-10-286-926-5		Sequence 25, Appli
14	1994.5	88.6	427	15	US-10-231-913-126		Sequence 126, Appli
15	1837.5	81.7	465	13	US-10-092-063-39		Sequence 39, Appli

ALIGNMENTS

RESULT 1
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; Sequence 3, Application US/10091085
; Publication No. US20020146772A1
; GENERAL INFORMATION:
; APPLICANT: Ford, John
; APPLICANT: Mulero, Julio
; TITLE OF INVENTION: METHODS AND MATERIALS RELATING TO NOVEL CD39-LIKE
; POLYPEPTIDES
; FILE REFERENCE: 28110/35761
; CURRENT APPLICATION NUMBER: US/10/091,085
; PRIORITY FILING DATE: 2002-03-05
; PRIOR APPLICATION NUMBER: 09/350,836
; PRIOR FILING DATE: 1999-07-09
; PRIORITY NUMBER: 09/273,447
; PRIORITY FILING DATE: 1999-03-19
; PRIOR APPLICATION NUMBER: 09/118,205
; PRIOR FILING DATE: 1999-07-16
; PRIOR APPLICATION NUMBER: 09/122,449
; PRIOR FILING DATE: 1998-07-24
; PRIORITY NUMBER: 09/244,444
; PRIORITY NUMBER: 09/04-04
; PRIORITY NUMBER: 09/091-085-3
; NUMBER OF SEQ ID NOS: 23
; SOFTWARE: Patentin Ver. 2.0
; SEQ ID NO 3
; LENGTH: 428
; TYPE: PRT
; ORGANISM: Homo sapiens
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		Sequence 5, Application US/10091085
		Publication No. US201020146772A1
		GENERAL INFORMATION:
		APPLICANT: Ford, John
		APPLICANT: Muñoz, Julio
		TITLE OF INVENTION: METHODS AND MATERIALS RELATING TO NOVEL CD39-LIKE
		FILE REFERENCE: POLYPEPTIDES
		FILE REFERENCE: 28110/55761
		CURRENT APPLICATION NUMBER: US/10/091.085
		CURRENT FILING DATE: 2002-03-05
		PRIOR APPLICATION NUMBER: 09/3350.836
		PRIOR FILING DATE: 1999-07-09
		PRIOR APPLICATION NUMBER: 09/2273.447
		PRIOR FILING DATE: 1999-03-19
		PRIOR APPLICATION NUMBER: 09/1118.205
		PRIOR FILING DATE: 1998-07-16
		PRIOR APPLICATION NUMBER: 09/1122.449
		PRIOR FILING DATE: 1998-07-24
		PRIOR APPLICATION NUMBER: 09/2244.444
		PRIOR FILING DATE: 1999-02-04
		NUMBER OF SEQ ID NOS: 23
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		LENGTH: 428
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		Best Local Similarity 100.0%; Pred. No. 5.1e-215; Indels 0; Gaps 0;
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	Publication No. US20020173005A1		
	GENERAL INFORMATION:		
	APPLICANT: Ford, John		
	APPLICANT: Mulero, Julio		
	TITLE OF INVENTION: METHODS AND MATERIALS RELATING TO NOVEL CD39-LIKE POLYPEPTIDES		
	FILE REFERENCE: 28110/35908		
	CURRENT APPLICATION NUMBER: US-10-092-063		
	CURRENT FILING DATE: 2002-03-05		
	PRIOR APPLICATION NUMBER: 09/370, 265		
	PRIOR FILING DATE: 2002-01-31		
	PRIOR APPLICATION NUMBER: PCT/US99/16180		
	PRIOR FILING DATE: 1999-07-16		
	PRIOR APPLICATION NUMBER: 09/350, 836		
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	PRIOR APPLICATION NUMBER: 09/112, 449		
	PRIOR FILING DATE: 1998-07-24		
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	PRIOR FILING DATE: 1998-07-16		
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 Publication No. US20030175752A1
 GENERAL INFORMATION:
 APPLICANT: Ford, John
 APPLICANT: Mulero, Julio
 APPLICANT: Young, George
 TITLE OF INVENTION: Methods and Materials Relating to CD39-Like
 FILE REFERENCE: 28110/36457CON
 CURRENT APPLICATION NUMBER: US/10/286,926
 CURRENT FILING DATE: 2002-11-01
 PRIOR APPLICATION NUMBER: 09/557,800
 PRIOR FILING DATE: 2000-04-25
 PRIOR APPLICATION NUMBER: 09/481,238
 PRIOR FILING DATE: 2000-01-11
 PRIOR APPLICATION NUMBER: 09/370,265
 PRIOR FILING DATE: 1999-06-09
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 PRIOR FILING DATE: 1999-02-04
 PRIOR APPLICATION NUMBER: 09/122,449
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 PRIOR APPLICATION NUMBER: 09/118,205
 PRIOR FILING DATE: 1998-07-16
 NUMBER OF SEQ ID NOS: 39
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 best Local Similarity 100.0% Pred. No. 5.1e-215; Mismatches 0; Indels 0; Gaps 0;
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RESULT 6

S-10-286-926-5

Sequence 5, Application US/10286926
Publication No. US20030175752A1

GENERAL INFORMATION:

APPLICANT: Ford, John

APPLICANT: Muñoz, Julio

APPLICANT: Young, George

TITLE OF INVENTION: Methods and Materials Relating to CD39-Like

TITLE OF INVENTION: Polypeptides

FILE REFERENCE: 28110/364570CN

CURRENT APPLICATION NUMBER: US/10/286,926

CURRENT FILING DATE: 2002-11-01

PRIOR APPLICATION NUMBER: 09/551,800

PRIOR FILING DATE: 2000-04-25

PRIOR APPLICATION NUMBER: 09/481,238

PRIOR FILING DATE: 2000-01-11

PRIOR APPLICATION NUMBER: 09/370,265

PRIOR FILING DATE: 1999-08-09

PRIOR APPLICATION NUMBER: PCT/US99/16180

PRIOR FILING DATE: 1999-07-16

PRIOR APPLICATION NUMBER: 09/35083,6

PRIOR FILING DATE: 1999-07-09

PRIOR APPLICATION NUMBER: 09/27544,7

PRIOR FILING DATE: 1999-03-19

PRIOR APPLICATION NUMBER: 09/12244,9

PRIOR FILING DATE: 1998-07-14

PRIOR APPLICATION NUMBER: 09/12444,4

PRIOR FILING DATE: 1999-02-04

PRIOR APPLICATION NUMBER: 09/118,205

PRIOR FILING DATE: 1998-07-16

NUMBER OF SEQ ID NOS: 54

SOFTWARE: PatentIn Ver. 2.0

SEQ ID NO 5

LENGTH: 428

TYPE: PCT

ORGANISM: Homo sapiens

IS-10-286-926-5

Query Match 100.0%; Score 2250; DB 14; Length 428;

Best Local Similarity 100.0%; Preq. No. 5..1e-215; Mismatches 0; Indels 0; Gaps 0;

Matches 428; Conservative 0; Gaps 0;

Y 1 MARSWGTYPFMMVYSCVCSAVERNQQTWFGSIPLSMCPINVAASSTLYGIMFDAGSTGT 60

b 1 MARSWGTYPFMMVYSCVCSAVERNQQTWFGSIPLSMCPINVAASSTLYGIMFDAGSTGT 60

Y 61 RIVHYYTFQKMPGPOLPILEGEYDSDVSKPLGLSAFVDQPKQGATEVQCLLEYARDSPRSHW 120

b 61 RIVHYYTFQKMPGPOLPILEGEYDSDVSKPLGLSAFVDQPKQGATEVQCLLEYARDSPRSHW 120

Y 121 KICFVWVLTAKAGIIRLPPFKAKLIVKXSPPLVPGSVSIMDGGEGTIAWVTV 180

b Db 123 KTPVVKATAGIIRLPPFKAKLIVKXSPPLVPGSVSIMDGGEGTIAWVTV 180
 y Qy 181 NPLTCQIHLGHGRQETVGLDGGASQITELPQPEKTLSEQTPRGYLTSFEMENSTYKLYTH 240
 241 SYLGFGKARLATGALETEGTGTGHTERSACLRWLEAWEITGVRQYQGNGNQEGEVGP 300
 241 SYLGFGKARLATGALETEGTGTGHTERSACLRWLEAWEITGVRQYQGNGNQEGEVGP 300
 b Qy 241 SYLGFGKARLATGALETEGTGTGHTERSACLRWLEAWEITGVRQYQGNGNQEGEVGP 300
 y Qy 301 EPCAYAFLVRYVRGKLIQHPPEVQRGSFAYA5YYDRAVDTMDMIDYKEGILKVEDFERKAR 360
 b Db 301 EPCAYAFLVRYVRGKLIQHPPEVQRGSFAYA5YYDRAVDTMDMIDYKEGILKVEDFERKAR 360
 y Qy 361 EVDCLNLENFTSGSPFLCDLSITALLKDGFFGADSTVQLTKVNNETGVALGATFHL 420
 b Db 361 EVDCLNLENFTSGSPFLCDLSITALLKDGFFGADSTVQLTKVNNETGVALGATFHL 420
 y Qy 421 IQLSGI SH 428
 b Db 421 IQLSGI SH 428

RESULT 7

US-10-231-913-127

Sequence 127, Application US/10231913

GENERAL INFORMATION:

APPLICANT: Guo, Xiaojia S.

APPLICANT: Li, Li

APPLICANT: Patturajan, Meera

APPLICANT: Shimkets, Richard A.

APPLICANT: Casman, Stacie J.

APPLICANT: Kalyanka, Uriel M.

APPLICANT: Tchernev, Velizar T.

APPLICANT: Vernet, Corine A.

APPLICANT: Spytek, Kimberly A.

APPLICANT: Shenoy, Suresh G.

APPLICANT: Alsobrook II, John P.

APPLICANT: Edinger, Schleomit

APPLICANT: Peyman, John A.

APPLICANT: Stone, David J.

APPLICANT: Ellerman, Karen

APPLICANT: Gangoli, Esha A.

APPLICANT: Boldog, Ference L.

APPLICANT: Colman, Steven D.

APPLICANT: Eisner, Andrew J.

APPLICANT: Liu, Xiaohong

APPLICANT: Padigaru, Muralidhara

APPLICANT: Spaderna, Steven K.

APPLICANT: Zernusen, Bryan D.

TITLE OF INVENTION: Proteins and Nucleic Acids Encoding Same

FILE REFERENCE: 21402-216

CURRENT APPLICATION NUMBER: US/10/231,913

CURRENT FILING DATE: 2002-08-30

PRIOR APPLICATION NUMBER: 60/251,660

PRIOR FILING DATE: 2000-12-06

PRIOR APPLICATION NUMBER: 60/255,029

PRIOR FILING DATE: 2000-12-12

PRIOR APPLICATION NUMBER: 60/260,326

PRIOR FILING DATE: 2001-01-08

PRIOR APPLICATION NUMBER: 60/263,800

PRIOR FILING DATE: 2001-01-24

PRIOR APPLICATION NUMBER: 60/269,942

PRIOR FILING DATE: 2001-02-20

PRIOR APPLICATION NUMBER: 60/285,183

PRIOR FILING DATE: 2001-04-24

PRIOR APPLICATION NUMBER: 60/313,627

PRIOR FILING DATE: 2001-08-20

PRIOR APPLICATION NUMBER: 60/318,712

PRIOR FILING DATE: 2001-09-12

NUMBER OF SEQ ID NOS: 292

SOFTWARE: PatentIn Ver. 2.1

Y 121 KRTPVVLLKATAGIRLILPEHKAKALLPEVKEIFRKSPFLVYKGSVSIMDGSDSDEGLAWNTV 180
 Y 121 KRTPVVLLKATAGIRLILPEHKAKALLPEVKEIFRKSPFLVYKGSVSIMDGSDSDEGLAWNTV 180
 Y 181 NFLTGOLGHQRQETVGLDLCGASTQTFLQFEXTLEQPRGLTSFEMENSTYKLTH 240
 Y 181 NFLTGOLGHQRQETVGLDLCGASTQTFLQFEXTLEQPRGLTSFEMENSTYKLTH 240
 Y 241 STYLGFLKAAKLAATGALCETGTDTGTFRSACLPRWLEAEMIPEGVYKQYGNQGEGEVGF 300
 Y 241 STYLGFLKAAKLAATGALCETGTDTGTFRSACLPRWLEAEMIPEGVYKQYGNQGEGEVGF 300
 Y 301 EPCYAEYLVRVGRKLHOPPEYORGSPYAFSYSDYDRAVDTIMDYEKGGLIKVEDFERKAR 360
 Y 301 EPCYAEYLVRVGRKLHOPPEYORGSPYAFSYSDYDRAVDTIMDYEKGGLIKVEDFERKAR 360
 Y 361 EYCDNLENFTSPPFLCMDLSYTALLKDGFDSTVQLTKVNNIETGWLGATPHL 420
 Y 361 EYCDNLENFTSPPFLCMDLSYTALLKDGFDSTVQLTKVNNIETGWLGATPHL 420
 Y 421 LQSLGISH 428
 Y 421 LQSLGISH 428
 Y 421 LQSLGISH 428

RESULT 11
 US-10-286-926-7
 Sequence 7, Application US/10286926
 Publication No. US20030175752A1
 GENERAL INFORMATION:
 / APPLICANT: Ford, John
 / APPLICANT: Mulero, Julio
 / APPLICANT: Young, George
 / TITLE OF INVENTION: Methods and Materials Relating to CD39-Like
 / PEPTIDES
 / FILE REFERENCE: 28110/36457CON
 / CURRENT APPLICATION NUMBER: US/10/286,926
 / CURRENT FILING DATE: 2002-11-01
 / PRIORITY APPLICATION NUMBER: 09/557,800
 / PRIORITY FILING DATE: 2000-04-25
 / PRIORITY APPLICATION NUMBER: 09/481,238
 / PRIORITY FILING DATE: 2000-01-11
 / PRIORITY APPLICATION NUMBER: 09/370,265
 / PRIORITY FILING DATE: 1999-08-09
 / PRIORITY APPLICATION NUMBER: PCT/US99/16180
 / PRIORITY FILING DATE: 1999-07-16
 / PRIORITY APPLICATION NUMBER: 09/350,836
 / PRIORITY FILING DATE: 1999-07-09
 / PRIORITY APPLICATION NUMBER: 09/273,447
 / PRIORITY FILING DATE: 1999-03-19
 / PRIORITY APPLICATION NUMBER: 09/244,444
 / PRIORITY FILING DATE: 1999-02-16
 / PRIORITY APPLICATION NUMBER: 09/122,449
 / PRIORITY FILING DATE: 1998-07-24
 / PRIORITY APPLICATION NUMBER: 09/118,205
 / PRIORITY FILING DATE: 1998-07-16
 NUMBER OF SEQ ID NOS: 39
 SOFTWARE: PatentIn Ver. 2.0
 SEQ ID NO 7
 LENGTH: 428
 TYPE: PRT
 ORGANISM: Homo sapiens

S-10-092-063-7

Sequence 7, Application US/10092063
 Publication No. US20020173005A1
 GENERAL INFORMATION:
 / APPLICANT: Ford, John
 / APPLICANT: Mulero, Julio
 / APPLICANT: Young, George
 / TITLE OF INVENTION: METHODS AND MATERIALS RELATING TO NOVEL CD39-LIKE POLYPEPTIDES
 / FILE REFERENCE: 28110/35908
 / CURRENT APPLICATION NUMBER: US/10/092,063
 / CURRENT FILING DATE: 2002-03-05
 / PRIORITY APPLICATION NUMBER: 09/370,265
 / PRIORITY FILING DATE: 2002-01-31
 / PRIORITY APPLICATION NUMBER: PCT/US99/16180
 / PRIORITY FILING DATE: 1999-07-16
 / PRIORITY APPLICATION NUMBER: 09/350,836
 / PRIORITY FILING DATE: 1999-07-09
 / PRIORITY APPLICATION NUMBER: 09/273,447
 / PRIORITY FILING DATE: 1999-03-19
 / PRIORITY APPLICATION NUMBER: 09/244,444
 / PRIORITY FILING DATE: 1999-02-16
 / PRIORITY APPLICATION NUMBER: 09/122,449
 / PRIORITY FILING DATE: 1998-07-24
 / PRIORITY APPLICATION NUMBER: 09/118,205
 / PRIORITY FILING DATE: 1998-07-16
 NUMBER OF SEQ ID NOS: 54
 SOFTWARE: PatentIn Ver. 2.0
 SEQ ID NO 7
 LENGTH: 428
 / TYPE: PRT
 / ORGANISM: Homo sapiens

RESULT 12
 US-10-286-926-7
 Query Match 99.3%; Score 2235; DB 13; Length 428;
 Best Local Similarity 99.3%; Pred. No. 1..6e-213;
 Matches 425; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Y 1 MATSWGTVFFMLVSVCSAVSHRNQQTWFEGLIIFLSSMCPINVSASTLYGIMEDAGSTGT 60
 Y 1 MATSWGTVFFMLVSVCSAVSHRNQQTWFEGLIIFLSSMCPINVSASTLYGIMEDAGSTGT 60
 Y 61 RIHVVTFVQXMPGQPLFILEGVFDSTYKPLSAFVQGLQAEVAKDSIPRSHW 120
 Y 61 RIHVVTFVQXMPGQPLFILEGVFDSTYKPLSAFVQGLQAEVAKDSIPRSHW 120
 Y 121 KRTPVVLLKATAGIRLILPEHKAKALLPEVKEIFRKSPFLVYKGSVSIMDGSDSDEGLAWNTV 180
 Y 121 KRTPVVLLKATAGIRLILPEHKAKALLPEVKEIFRKSPFLVYKGSVSIMDGSDSDEGLAWNTV 180

121	KKTPVVKATAGRLLPHEKAKALLFEVKEIFRKSPFLVPGKGSVSIMGSDDEGILAWVTY	180	Db	121	KKTPVVKATAGRLLPHEKAKALLFEVKEIFRKSPFLVPGKGSVSIMGSDDEGILAWVTY	180
121	KKTPVVKATAGRLLPHEKAKALLFEVKEIFRKSPFLVPGKGSVSIMGDEGIFAWVTY	180	Qy	181	NPLTQQLSHEROFTVGTIDLGASTQITPLPQETKLEOTPGYLTSEMENSTYKLYTH	240
181	NFLTQQLHGERQTVGTIDLGASTQITPLPQETKLEOTPGYLTSEMENSTYKLYTH	240	Db	181	NFLTQQLHGERQTVGTIDLGASTQITPLPQETKLEOTPGYLTSEMENSTYKLYTH	240
181	NFLTQQLHGERQTVGTIDLGASTQITPLPQETKLEOTPGYLTSEMENSTYKLYTH	240	Qy	241	SYLGFGLKAARALGALTEGGDHTFRSACPRMBAEWFGVYKQGNGQEGVGF	390
241	SYLGFGLKAARALGALTEGGDHTFRSACPRMBAEWFGVYKQGNGQEGVGF	390	Db	241	SYLGFGLKAARALGALTEGGDHTFRSACPRMBAEWFGVYKQGNGQEGVGF	390
241	SYLGFGLKAARALGALTEGGDHTFRSACPRMBAEWFGVYKQGNGQEGVGF	390	Qy	301	EPCTAEVLRVGRKHQPEVQGSFTASYYTDAVTDMDYERGSLKLYEDFERKAR	360
241	SYLGFGLKAARALGALTEGGDHTFRSACPRMBAEWFGVYKQGNGQEGVGF	390	Db	301	EPCTAEVLRVGRKHQPEVQGSFTASYYTDAVTDMDYERGSLKLYEDFERKAR	360
301	EPCTAEVLRVGRKHQPEVQGSFTASYYTDAVTDMDYERGSLKLYEDFERKAR	360	Qy	361	EVCDLLENFTSGSPFLCMDLSYTALLKGFPADSTVQ	400
301	EPCTAEVLRVGRKHQPEVQGSFTASYYTDAVTDMDYERGSLKLYEDFERKAR	360	Db	361	EVCDLLENFTSGSPFLCMDLSYTALLKGFPADSTVQ	400
361	EVCDLLENFTSGSPFLCMDLSYTALLKGFPADSTVQ	420	RESULT 13			
361	EVCDLLENFTSGSPFLCMDLSYTALLKGFPADSTVQ	420	;			
421	LSQGISH 428		;			
421	LSQGISH 428		Sequence 25, Application US/10286926			
			Publication No. US000173752A1			
			GENERAL INFORMATION:			
			APPLICANT: Ford, John			
			APPLICANT: Mulero, Julio			
			APPLICANT: Young, George			
			TITLE OF INVENTION: Methods and Materials Relating to CD39-Like			
			Polypeptides			
			FILE REFERENCE: 28110/36457CON			
			CURRENT APPLICATION NUMBER: US/10/286,926			
			CURRENT FILING DATE: 2002-11-01			
			PRIOR APPLICATION NUMBER: 09/557,900			
			PRIOR FILING DATE: 2000-04-25			
			PRIOR APPLICATION NUMBER: 09/481,238			
			PRIOR FILING DATE: 2000-01-11			
			PRIOR APPLICATION NUMBER: 09/370,265			
			PRIOR FILING DATE: 1999-08-09			
			PRIOR APPLICATION NUMBER: PCT/US99/16180			
			PRIOR FILING DATE: 1999-07-16			
			PRIOR APPLICATION NUMBER: 09/350836			
			PRIOR FILING DATE: 1999-07-09			
			PRIOR APPLICATION NUMBER: 09/273447			
			PRIOR FILING DATE: 1999-03-19			
			PRIOR APPLICATION NUMBER: 09/122449			
			PRIOR FILING DATE: 1998-07-24			
			PRIOR APPLICATION NUMBER: 09/24444			
			PRIOR FILING DATE: 1999-02-04			
			PRIOR APPLICATION NUMBER: 09/122,449			
			PRIOR FILING DATE: 1998-07-24			
			PRIOR APPLICATION NUMBER: 09/118,205			
			PRIOR FILING DATE: 1998-07-16			
			NUMBER OF SEQ ID NOS: 54			
			SOFTWARE: PatentIn Ver. 2.0			
			SEQ ID NO: 25			
			LENGTH: 405			
			TYPE: PRT			
			ORGANISM: Homo sapiens			
			US-10-286-926-25			
			Query Match 93.5%; Score 2104; DB 13; Length 405;			
			Best Local Similarity 100.0%; Pred. No. 1..6e-200; Mismatches 0; Indels 0; Gaps 0;			
			Matches 400; Conservative 0; Mismatches 0; Indels 0; Gaps 0;			
			1 MATSWGTVFEMEVVSVCSAVSHRQOTWPFGIFLSSMCPINVSASTLYGIMFDAGSTGT 60	Qy	1 MATSWGTVFEMEVVSVCSAVSHRQOTWPFGIFLSSMCPINVSASTLYGIMFDAGSTGT 60	
			1 MATSWGTVFEMEVVSVCSAVSHRQOTWPFGIFLSSMCPINVSASTLYGIMFDAGSTGT 60	Db	1 MATSWGTVFEMEVVSVCSAVSHRQOTWPFGIFLSSMCPINVSASTLYGIMFDAGSTGT 60	
			1 RHYVTVYQKMPQQLPYLEGVFDSTKPGLSAFTDQPKGAAETYQGLLEVAKDSIPRSW 120	Qy	61 RHYVTVYQKMPQQLPYLEGVFDSTKPGLSAFTDQPKGAAETYQGLLEVAKDSIPRSW 120	
			1 RHYVTVYQKMPQQLPYLEGVFDSTKPGLSAFTDQPKGAAETYQGLLEVAKDSIPRSW 120	Db	61 RHYVTVYQKMPQQLPYLEGVFDSTKPGLSAFTDQPKGAAETYQGLLEVAKDSIPRSW 120	
			1 RHYVTVYQKMPQQLPYLEGVFDSTKPGLSAFTDQPKGAAETYQGLLEVAKDSIPRSW 120	Qy	121 KTPVVKATAGRLLPHEKAKALLFEVKEIFRKSPFLVPGKGSVIMGSDDEGILAWVTY 180	
			1 RHYVTVYQKMPQQLPYLEGVFDSTKPGLSAFTDQPKGAAETYQGLLEVAKDSIPRSW 120	Db	121 KTPVVKATAGRLLPHEKAKALLFEVKEIFRKSPFLVPGKGSVIMGSDDEGILAWVTY 180	

Y 181 NFLTGOLGHROETVGLTDLGGASTOITLPOFFKETLEOTPRGYLTSPMENSTYLYTH 240
 Y 181 NPLTGOLGHROETVGLTDLGGASTOITLPOFFKETLEOTPRGYLTSPMENSTYLYTH 240

Y 241 SYLGFGLKAARLAATLGALETEGTDGHTERSACIPLWLEAWEIPLGSKYKTOYGGNGEYGF 300
 Y 241 SYLGFGLKAARLAATLGALETEGTDGHTERSACIPLWLEAWEIPLGSKYKTOYGGNGEYGF 300

Y 301 EPCYAEVLRVPGKHTHOPEETVQRGSTYAFSYDDAVDTMDYBKGGLKVEDFERKAR 360
 Y 301 EPCYAEVLRVPGKHTHOPEETVQRGSTYAFSYDDAVDTMDYBKGGLKVEDFERKAR 360

Y 361 EYCDNLENFTSCSPFLCMDISYITALLKOSFGPASTVHQ 400
 Y 361 EYCDNLENFTSCSPFLCMDISYITALLKOSFGPASTVHQ 400

b 181 EKTPVYKATAGLRLPEHKAALLPEVKGKSPFLVPGKSVSIMGSDEGILANVV 180
 b 181 EKTPVYKATAGLRLPEHKAALLPEVKGKSPFLVPGKSVSIMGSDEGILANVV 180

Qy 181 EKTPVYKATAGLRLPEHKAALLPEVKGKSPFLVPGKSVSIMGSDEGILANVV 180
 Db 120 EKTPVYKATAGLRLPEHKAALLPEVKGKSPFLVPGKSVSIMGSDEGILANVV 179

Qy 181 NFLTGOLGHROETVGLTDLGGASTOITLPOFFKETLEOTPRGYLTSPMENSTYLYTH 240
 Db 180 NFLTGOLGHROETVGLTDLGGASTOITLPOFFKETLEOTPRGYLTSPMENSTYLYTH 239

Qy 241 SYLGFGLKAARLAATLGALETEGTDGHTERSACIPLWLEAWEIPLGSKYKTOYGGNGEYGF 300
 Db 240 SYLGFGLKAARLAATLGALETEGTDGHTERSACIPLWLEAWEIPLGSKYKTOYGGNGEYGF 299

Qy 301 EPCYAEVLRVPGKHTHOPEETVQRGSTYAFSYDDAVDTMDYBKGGLKVEDFERKAR 360
 Db 300 EPCYAEVLRVPGKHTHOPEETVQRGSTYAFSYDDAVDTMDYBKGGLKVEDFERKAR 359

Qy 361 EYCDNLENFTSCSPFLCMDISYITALLKOSFGPASTVHQ 420
 Db 360 EYCDNLENFTSCSPFLCMDISYITALLKOSFGPASTVHQ 419

Qy 421 EYCDNLENFTSCSPFLCMDISYITALLKOSFGPASTVHQ 421
 Db 420 EYCDNLENFTSCSPFLCMDISYITALLKOSFGPASTVHQ 422

RESULT 14
 S-10-231-913-126
 Sequence 126, Application US/10231913
 Publication No. US20040005576A1
 GENERAL INFORMATION:
 APPLICANT: Guo, Xiaojia S.
 APPLICANT: Li, Li
 APPLICANT: Patturajan, Meera
 APPLICANT: Shimkets, Richard A.
 APPLICANT: Casman, Stacie J.
 APPLICANT: Malyankar, Uriel M.
 APPLICANT: Tchernev, Velizar T.
 APPLICANT: Verner, Corine A.
 APPLICANT: Surytek, Kimberly A.
 APPLICANT: Shenoy, Suresh G.
 APPLICANT: Alsobrook II, John P.
 APPLICANT: Edinger, Schliomit
 APPLICANT: Peyman, John A.
 APPLICANT: Stone, David J.
 APPLICANT: Gangolli, Bsha A.
 APPLICANT: Boldog, Ference L.
 APPLICANT: Colman, Steven D.
 APPLICANT: Bisen, Andrew J.
 APPLICANT: Liu, Xiaochong
 APPLICANT: Padigaru, Muralidhara
 APPLICANT: Spaderna, Steven K.
 APPLICANT: Zerhusen, Bryan D.
 TITLE OF INVENTION: Proteins and Nucleic Acids Encoding Same
 FILE REFERENCE: 21402-116
 CURRENT APPLICATION NUMBER: US/10/231,913
 PRIOR APPLICATION NUMBER: 60/251,660
 PRIOR FILING DATE: 2000-12-06
 PRIOR APPLICATION NUMBER: 60/255,029
 PRIOR FILING DATE: 2000-12-12
 PRIOR APPLICATION NUMBER: 60/260,326
 PRIOR FILING DATE: 2001-01-08
 PRIOR APPLICATION NUMBER: 60/263,800
 PRIOR FILING DATE: 2001-01-24
 PRIOR APPLICATION NUMBER: 60/269,942
 PRIOR FILING DATE: 2001-02-20
 PRIOR APPLICATION NUMBER: 60/286,183
 PRIOR FILING DATE: 2001-04-24
 PRIOR APPLICATION NUMBER: 60/313,627
 PRIOR FILING DATE: 2001-08-20
 PRIOR APPLICATION NUMBER: 60/318,712
 PRIOR FILING DATE: 2001-09-12
 NUMBER OF SEQ ID NOS: 292
 SOFTWARE: PatentIn Ver. 2.1
 SEQ ID NO 126
 LENGTH: 427
 TYPE: PRT
 ORGANISM: *Mus musculus*
 IS-10-231-913-126

Query Match 88.6%; Score 1994.5; DB 15; Length 427;
 Best Local Similarity 88.3%; Pred. No. 1.4e-189; Mismatches 24; Indels 1; Gaps 1;
 Matches 377; Conservative

Qy 1 MATSNGTVPFLVIVSCVCSAVSSTYGMEDAGSTGT 60
 Db 1 MATSNGTVPFLVIVSCVCSAVSSTYGMEDAGSTGT 59

Qy 61 RTHVYTFVQPGQPLILEGEVPSVKGPSAFDQPKGAEVYQGLLEVAKDSI PRSHW 120
 Db 60 RTHVYTFVQTAQDPLFLEBIFDSVKGPSAFDQPKGAEVYQGLLEVAKDSI PRSHW 119

Qy 121 EKTPVYKATAGLRLPEHKAALLPEVKGKSPFLVPGKSVSIMGSDEGILANVV 180
 Db 120 EKTPVYKATAGLRLPEHKAALLPEVKGKSPFLVPGKSVSIMGSDEGILANVV 179

Qy 181 NFLTGOLGHROETVGLTDLGGASTOITLPOFFKETLEOTPRGYLTSPMENSTYLYTH 240
 Db 180 NFLTGOLGHROETVGLTDLGGASTOITLPOFFKETLEOTPRGYLTSPMENSTYLYTH 239

Qy 241 SYLGFGLKAARLAATLGALETEGTDGHTERSACIPLWLEAWEIPLGSKYKTOYGGNGEYGF 300
 Db 240 SYLGFGLKAARLAATLGALETEGTDGHTERSACIPLWLEAWEIPLGSKYKTOYGGNGEYGF 299

Qy 301 EPCYAEVLRVPGKHTHOPEETVQRGSTYAFSYDDAVDTMDYBKGGLKVEDFERKAR 360
 Db 300 EPCYAEVLRVPGKHTHOPEETVQRGSTYAFSYDDAVDTMDYBKGGLKVEDFERKAR 359

Qy 361 EYCDNLENFTSCSPFLCMDISYITALLKOSFGPASTVHQ 420
 Db 360 EYCDNLENFTSCSPFLCMDISYITALLKOSFGPASTVHQ 419

Qy 421 EYCDNLENFTSCSPFLCMDISYITALLKOSFGPASTVHQ 421
 Db 420 EYCDNLENFTSCSPFLCMDISYITALLKOSFGPASTVHQ 422

RESULT 15
 US-10-092-063-39
 Sequence 39, Application US/10092063
 Publication No. US2002173005AI
 GENERAL INFORMATION:
 APPLICANT: Ford, John
 APPLICANT: Malero, Julio
 APPLICANT: Padilla, Luis
 TITLE OF INVENTION: METHODS AND MATERIALS RELATING TO NOVEL CD39-LIKE POLYPEPTIDES
 FILE REFERENCE: 28110/35908
 CURRENT APPLICATION NUMBER: US/10/092,063
 CURRENT FILING DATE: 2002-03-05
 PRIOR APPLICATION NUMBER: 09/370,265
 PRIOR FILING DATE: 2002-01-31
 PRIOR APPLICATION NUMBER: PCT/US99/16180
 PRIOR FILING DATE: 1999-07-16
 PRIOR APPLICATION NUMBER: 09/350,836
 PRIOR FILING DATE: 1999-07-09
 PRIOR APPLICATION NUMBER: 09/273,447
 PRIOR FILING DATE: 1999-03-19
 PRIOR APPLICATION NUMBER: PCT/US99/16180
 PRIOR FILING DATE: 1999-07-16
 PRIOR APPLICATION NUMBER: 09/122,449
 PRIOR FILING DATE: 1998-07-24
 PRIOR APPLICATION NUMBER: 09/118,205
 PRIOR FILING DATE: 1998-07-16
 NUMBER OF SEQ ID NOS: 39
 SOFTWARE: PatentIn Ver. 2.0
 SEQ ID NO 39
 LENGTH: 465
 TYPE: PRT
 ORGANISM: *Mus musculus*
 US-10-092-063-39
 Query Match 81.7%; Score 1837.5; DB 13; Length 465;
 Best Local Similarity 84.0%; Pred. No. 7.1e-174;

latches	Conservative	Mismatches	39;	Indels	3;	Caps	3;
1	MATSGTVFPMLVYSCVCSAVSHRNQCTWPEGIPLSSMKCPTINVSASTLYGIMEDAGSTGT						60
1	MATSGAV-FMLIAAVCSTVFRQCTWPEGIPLSSMKCPTINVSASTLYGIMEDAGSTGT						59
61	RHYTFVQKMPGOLPILLEGVPDSKPCOLSAFDPKQAGTVEQGLEVARDSTPRSHW						120
60	RHYTFVQKTAGOLPPLLEGIPPSKPCOLSAFDPKQAGTVEQGLEVARDSTPRSHW						119
121	KRTPVVKATAGIPLLPEKAKALLPEVKEIIFRKSPLYPKSVSINDSGDEGILAWTV						180
120	ERTPVVKATAGIPLLPEKAKAQLLEVEIIFPNSPLYPDSSVSINDSGVEGILAWTV						179
181	NFLTQLEGHQRTVGTLDIGASTQITFLPQEKTLEQTPRGYLSFEMNSTPLCYTH						240
180	NFLTQLEHGRQETVGTLDIGASTQITFLPQEKTLEQTPRGYLSFEMNSTPLCYTH						239
241	SYLGFLKAARLATGALATEGTTGHTPSACLPWAEWIFGGVYQYGENQBGEVGF						300
240	SYLGFLKAARLATGALAKGTGHTPSACLPWAEWIFGGVYQYGENQBGEMGF						299
301	EPCYAEVLRVYRGKHOPSERVRSFSYAFSYDRAVDTOMIDYKGSILKVEDDFERKAR						360
300	EPCYAEVLRVYQGKHOPSERVRSFSYAFSYDRAAIDLIDYKGSILKVEDDFERKAR						359
361	EVCDNLENFTSGSPLCMDSYTPLLDRGFPADSTVQLTQKVMNLTGWALGATFHL						420
360	EVCDNLFNGSPSSGSPPLCMDFITYTPLLDRGLGFAERHPLTAHKR-SGQHRDW-LGIGGHL						417

Search completed: June 16, 2004, 20:05:09
, time : 50 secs